



# DPAS RFID Workshop

- Welcome / Administrative Remarks 10:00
- RFID Technology Overview 10:15
- Overview of DPAS AIT Capabilities 10:45
- Break 11:10
- DPAS Demonstration 11:20
- Potential Initiatives/ Portal Demo 12:15
- Open Discussion 12:45
- Conclusion 13:00

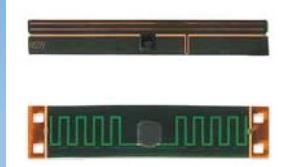


# DPAS

## AIT Capabilities



## Bar Code / RFID Batch / RFDC



**DPAS Software Project  
Manager**  
**July 30, 2004**



# Topics

- **Supported PDCDs**
- **Bar Code Labels**
- **RFID Passive Tag**
- **The Automated Inventory Process**
- **Questions / Comments**

# Supported Portable Data Collection Devices (PDCDs)



**Intermec's 700 Series**

**Pocket PC Windows**

**AIT III/GSA Contract**



**Intermec's 241X Series**

**DOS-Like - Character**

**GSA Contract**



**Symbol's PDT81XX  
Pocket PC Windows  
GSA Suppliers/ AIT II Contract**



**Symbol's 72XX Series  
DOS - Character**

**AIT II Contract - Discontinued July 2004**



**Symbol's PPT88XX  
Pocket PC Windows  
GSA Suppliers**



**Intermec's 20XX Series  
DOS - Character**

**Discontinued**

# Inventorying Using Bar Codes

- **Labels Are Code 39 Format\***
- **Bar Cd Nbrs Are Up to 10 Characters in Length**
- **Auto-assign Capabilities During Receipt and Change Processing**
- **Asset Info Exported to the PDCD for Verification / Validation During Inventory**
- **Supports Batch & RF (Wireless) Update Modes**
- **PDCDs - Intermec (Janus, Antares, 700), Symbol (PDT72XX, PDT81XX, PPT88xx)**



\* Primary Read - Also Supports Other Industry Standard

# DPAS

## Bar Code Label

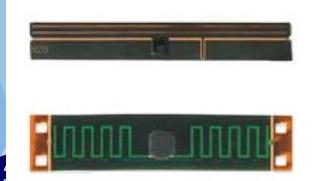


- Generates/Prints Asset, Location and Sub-Location Labels (4 different sizes)
- User Defined Label Content\*
- Auto-Print Capabilities During Receipt and Change Processing
- Ad Hoc Label Printing By Each / Range
- Printers - Intermec (IPL II/III Compatible) and Zebra (ZPL (I/II Compatible)



\* From a List of Defined Values

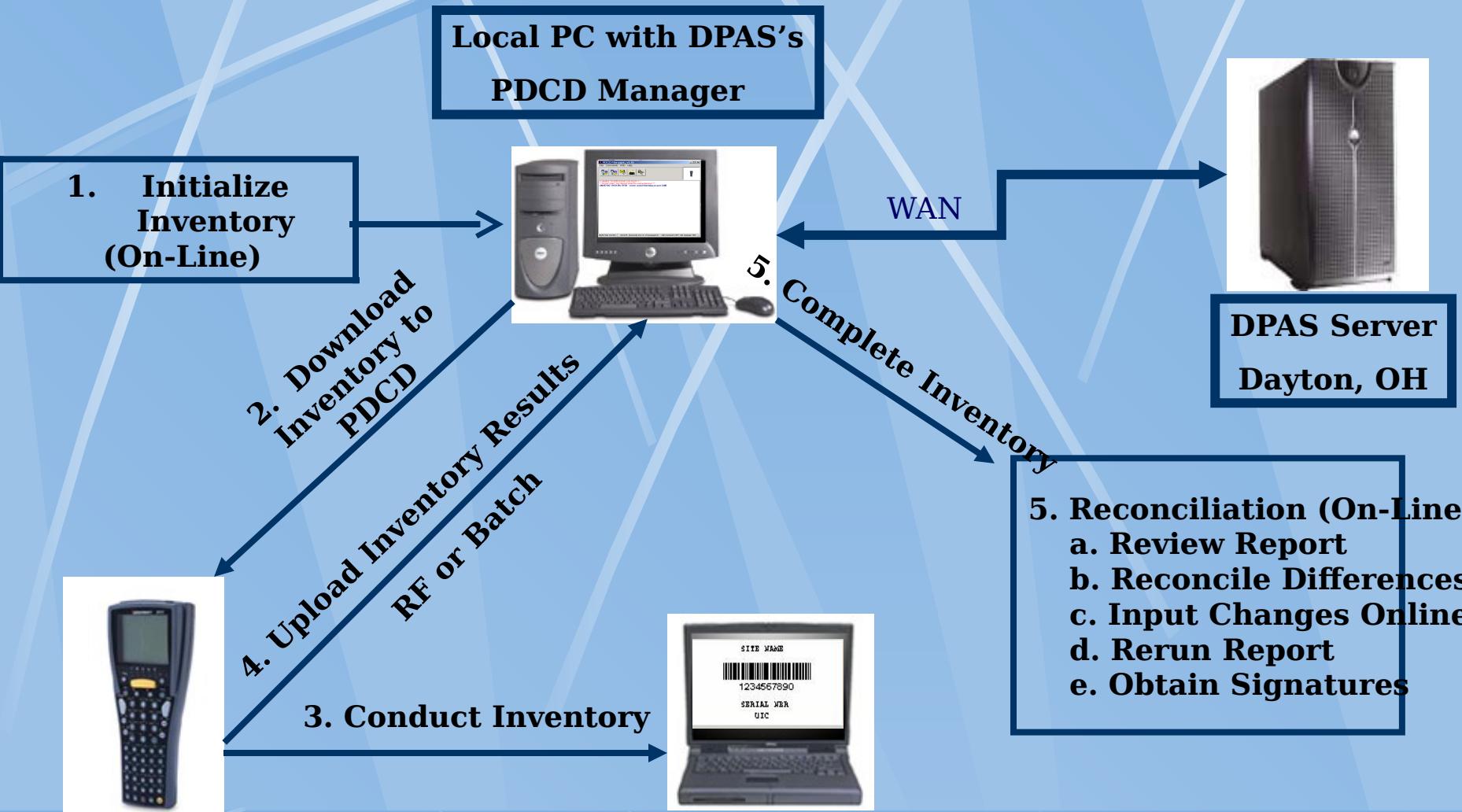
# Inventorying Using Radio Frequency Identification



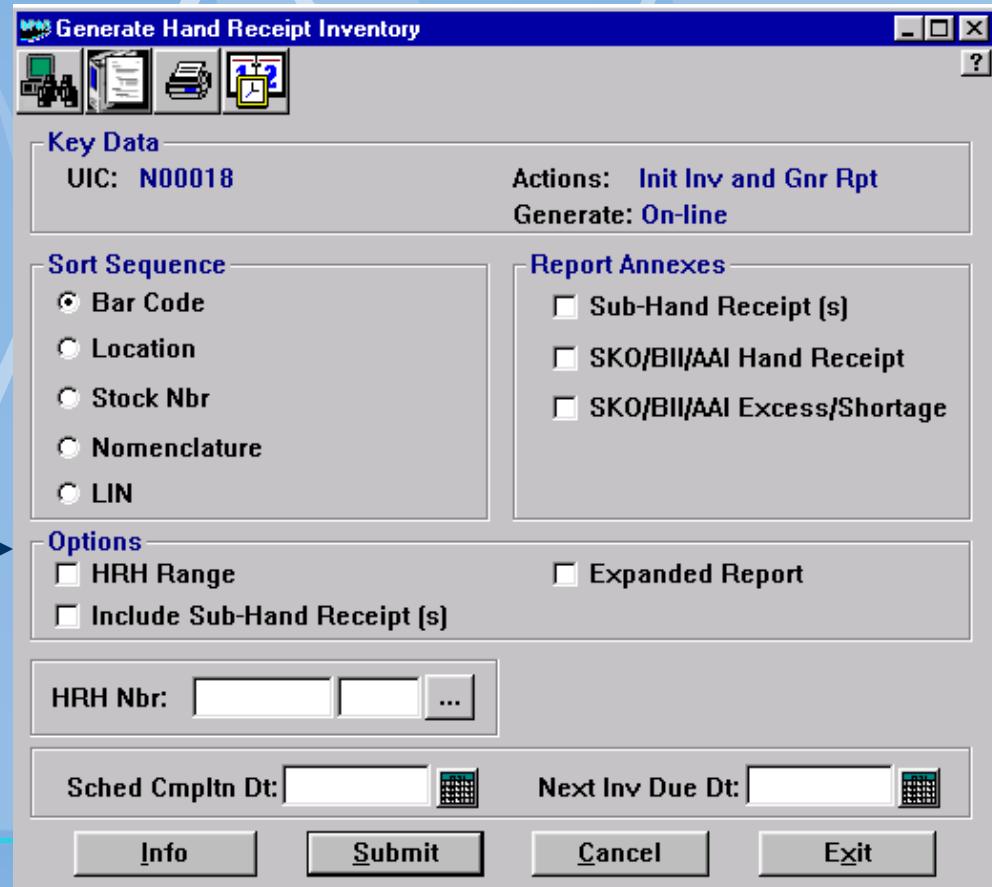
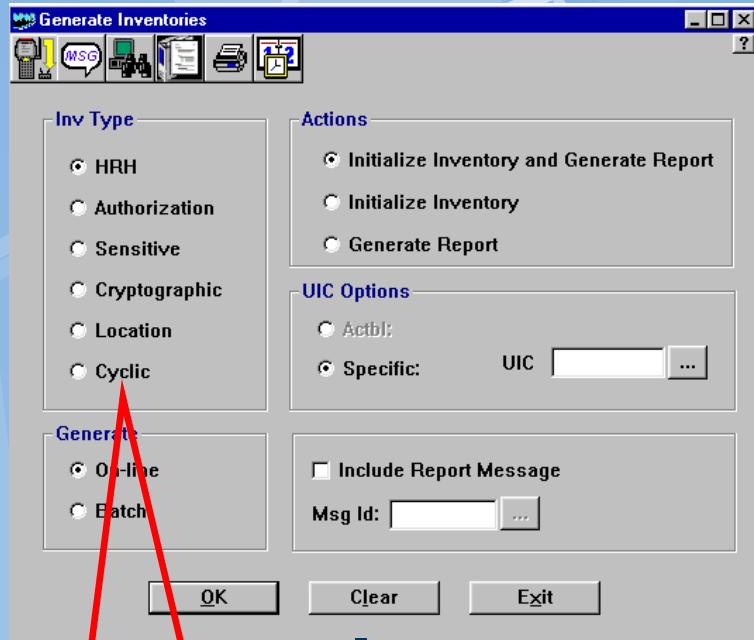
- **Tag - Intermec 915 MHz Passive Tag**
- **Hardware - Intermec Sabre 1555 Reader Coupled to PDCD**
- **Read Range - Up to 15 Feet**
- **Database Update - Batch or Wireless from the Handheld**
- **Tag Info - Minimum Necessary For Conducting Inventories (Bar Code Security Code\*)**



# Automated Inventory Steps



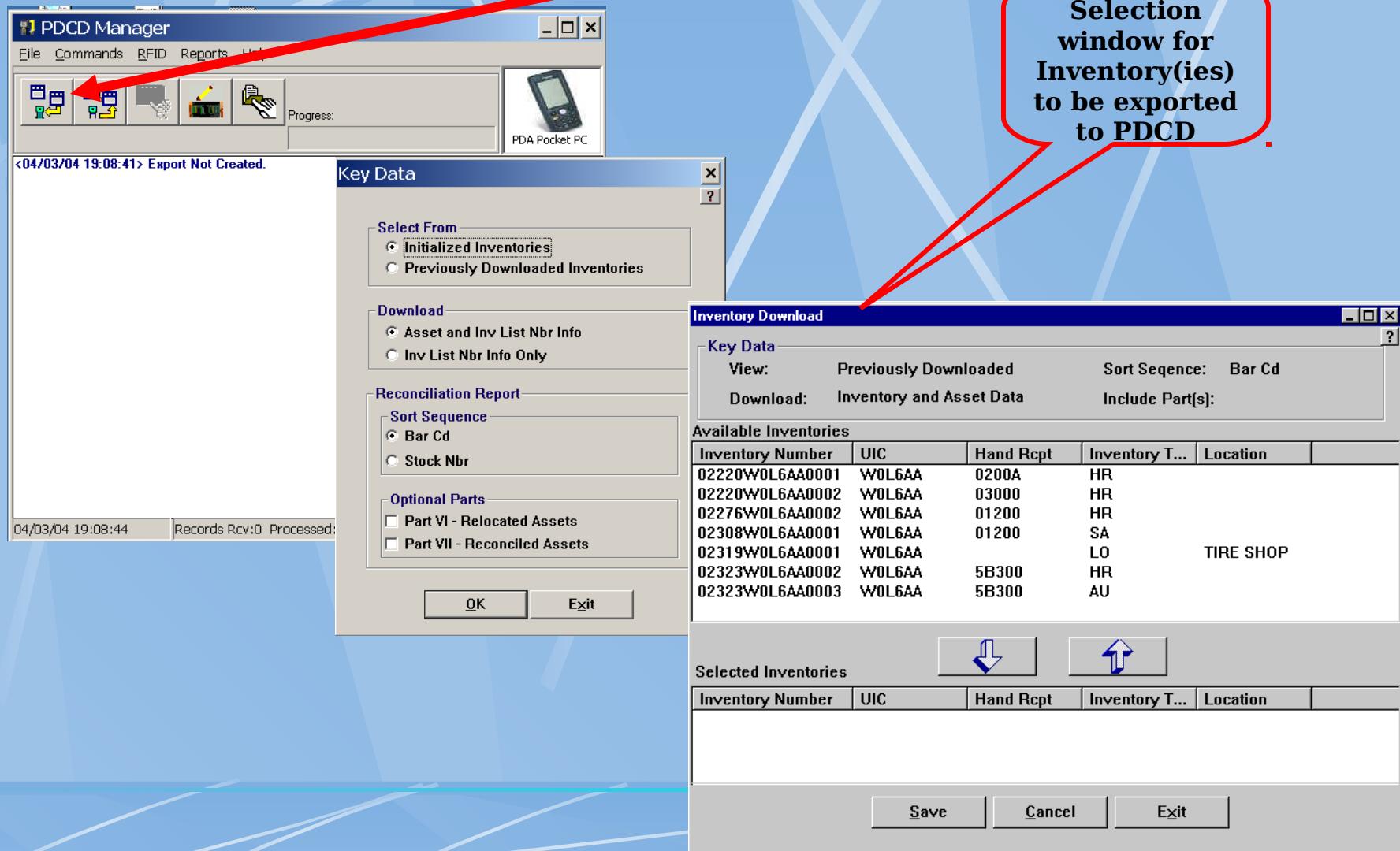
# Step 1 - Generate Inventory



DPAS supports six types of inventories

In addition - 2 Sensitive inventory types and the HRH supports GFP

# Step 2 - Export Inventory To PDCD



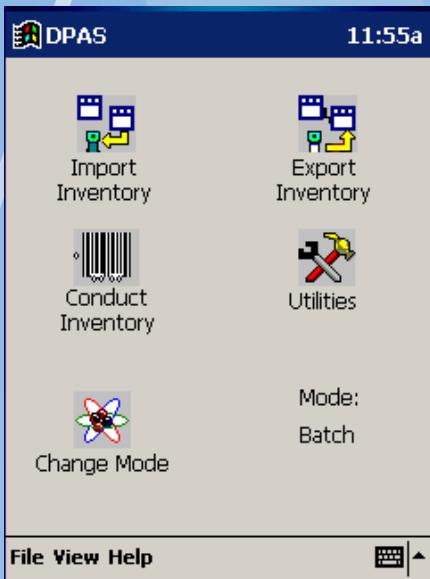
# Step 3 - Conduct Inventory

## Bar Cd, RFID, or Serial Batch or RF

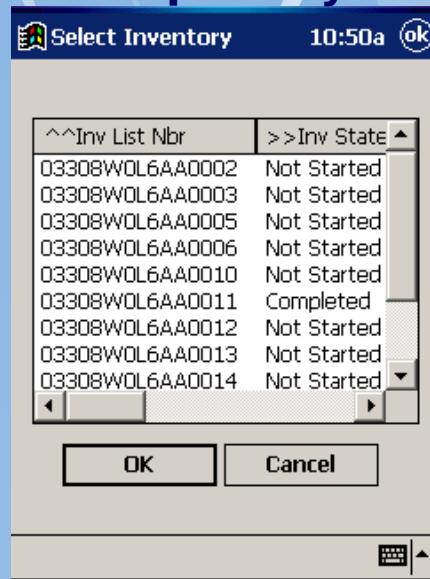


# Step 3 - Conduct Inventory

## PDCD Main Menu



## Multiple Inventory Download Capability



## List Box Sort Capability View Scanned/Remaining During Inventory



# Step 3 - Conduct Inventory

## Check Box Confirmation for Serialized Assets



**Verify Serial Assets** 11:18a **ok**

Loc/Sub Loc: **Prev** **Next**

15

Stock Nbr:

^^Serial Nbr	>>Stock Nbr
<input type="checkbox"/> REVOLVER1	1005000037
<input type="checkbox"/> REVOLVER2	1005000037
<input type="checkbox"/> REVOLVER3	1005000037
<input type="checkbox"/> REVOLVER6	1005000037
<input type="checkbox"/> REVOLVER7	1005000037

**Prev** **Next**

**Verify** **Inv Info** **Exit**

## Record Action Update Condition Cd

**Record Action Item** 2:52p **ok**

Bar Cd: **LIA0000402** **Enter**

Action: **None**

Desc:

Cond Cd:

**OK** **Cancel**

## Take A Picture (PDAs with Imager)

**Take A Picture** 11:48a **ok**

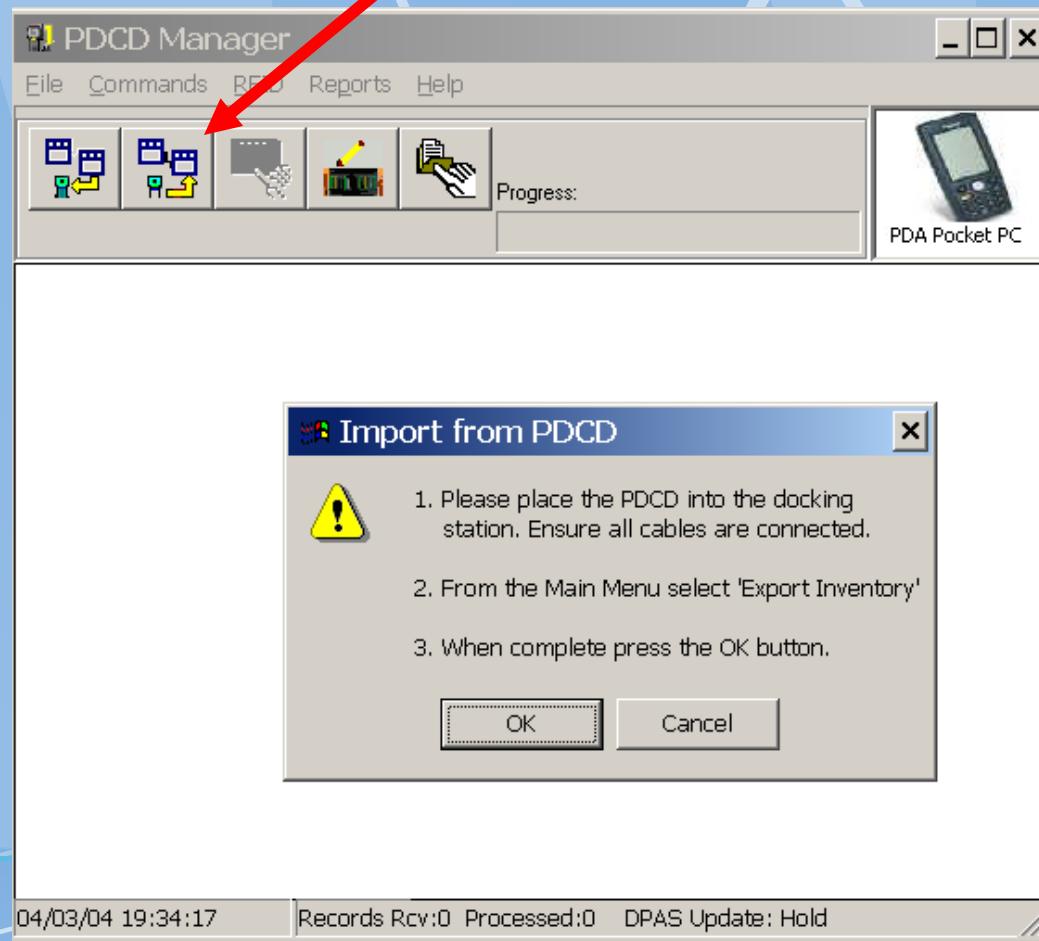
Barcode:

Imager Stopped



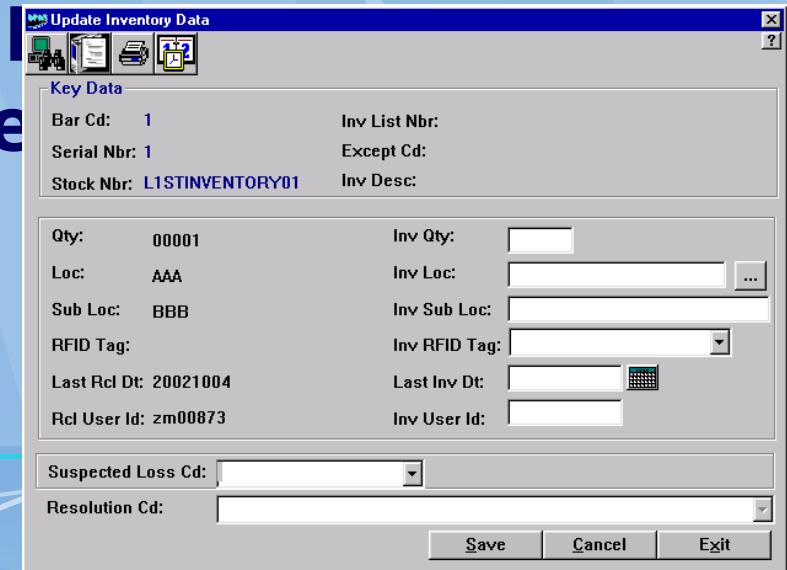
**Start Imager** **Exit**

# Step 4 - Import Inventory From PDCD, Required If Not Operating In Wireless Mode (RF)



# Step 5 – Reconciliation

- **Review Reconciliation Report For Discrepancies**
- **Review Action Item Report For Actions**
- **Using On-Line Process, Correct Overages / Shortages**
- **Request/Print Final Report for Signature**





# DPAS



## Questions and/or Comments

